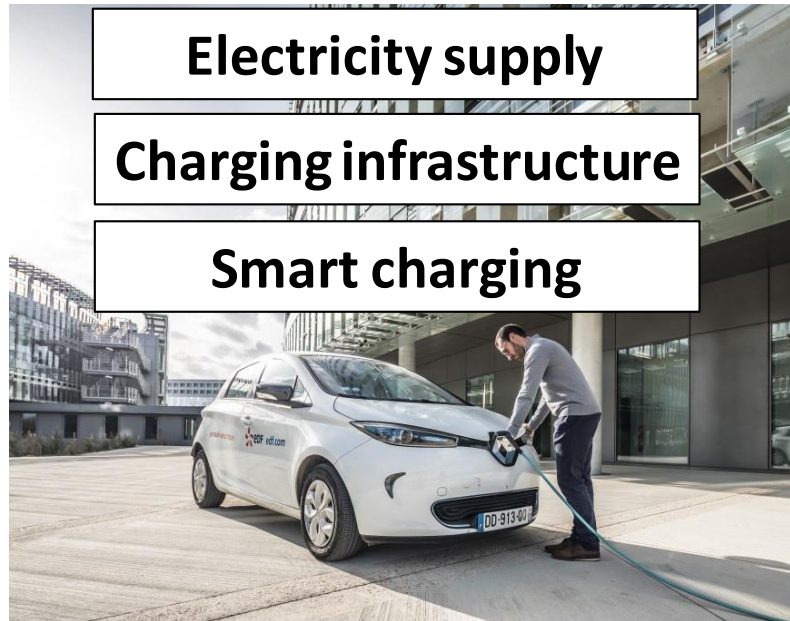
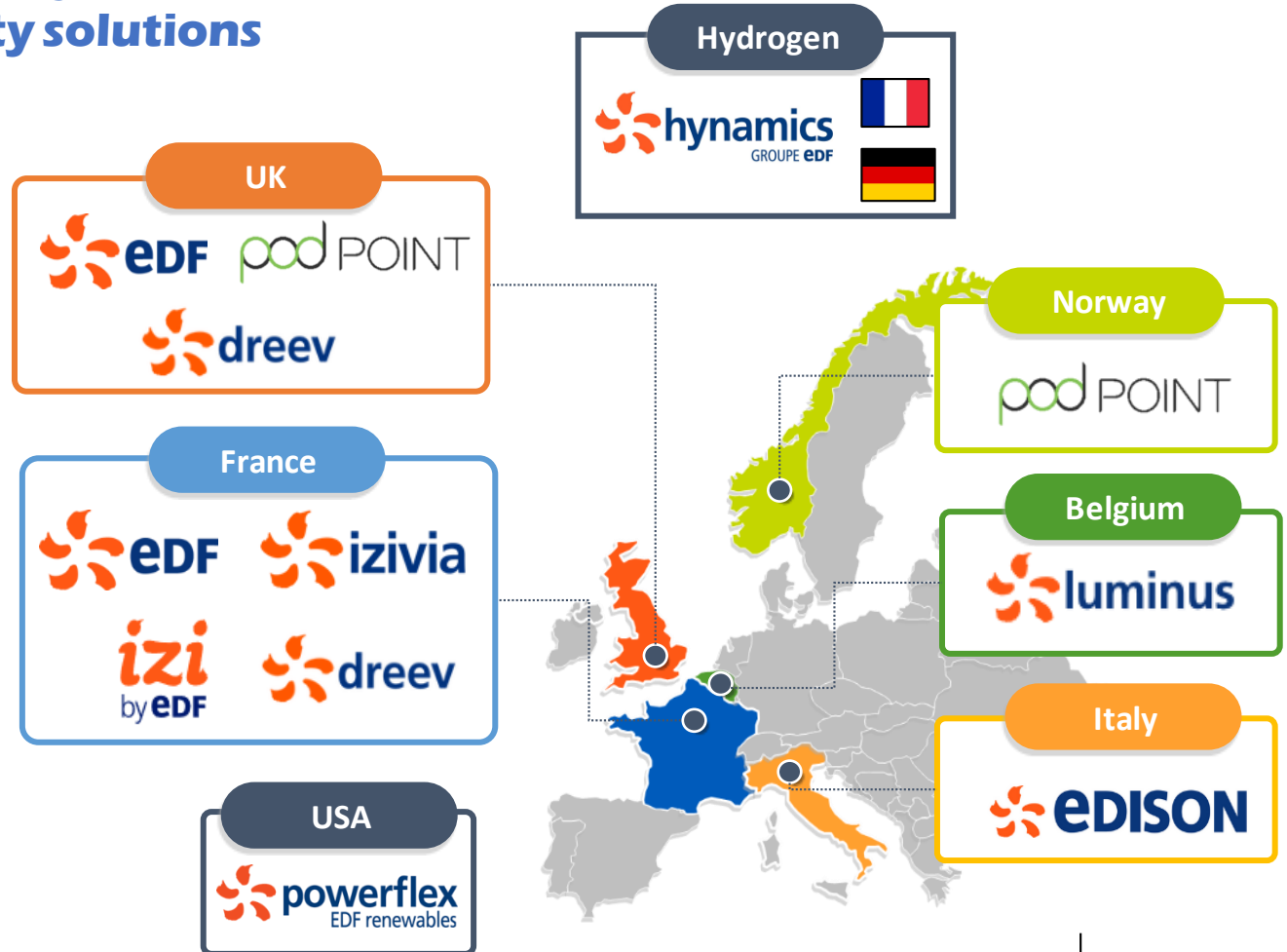


# EDF actively supports the ambition embraced by the Commission in its Smart & Sustainable Mobility Strategy

Within 2 years, EDF has started to build an ecosystem of subsidiaries and partners to develop e-mobility solutions



Some industrial partnerships



# What's needed at EU level to boost electro-mobility?



Adopt ambitious CO2 performance standards



Develop the **right incentives** to support easy and rapid deployment of private charging infrastructure in residential buildings

Accelerate the uptake of zero-emissions vehicles

Secure easy access to adequate public charging network

Facilitate the installation of charging points on private parking

Foster EU investments in innovative technologies, such as V2G

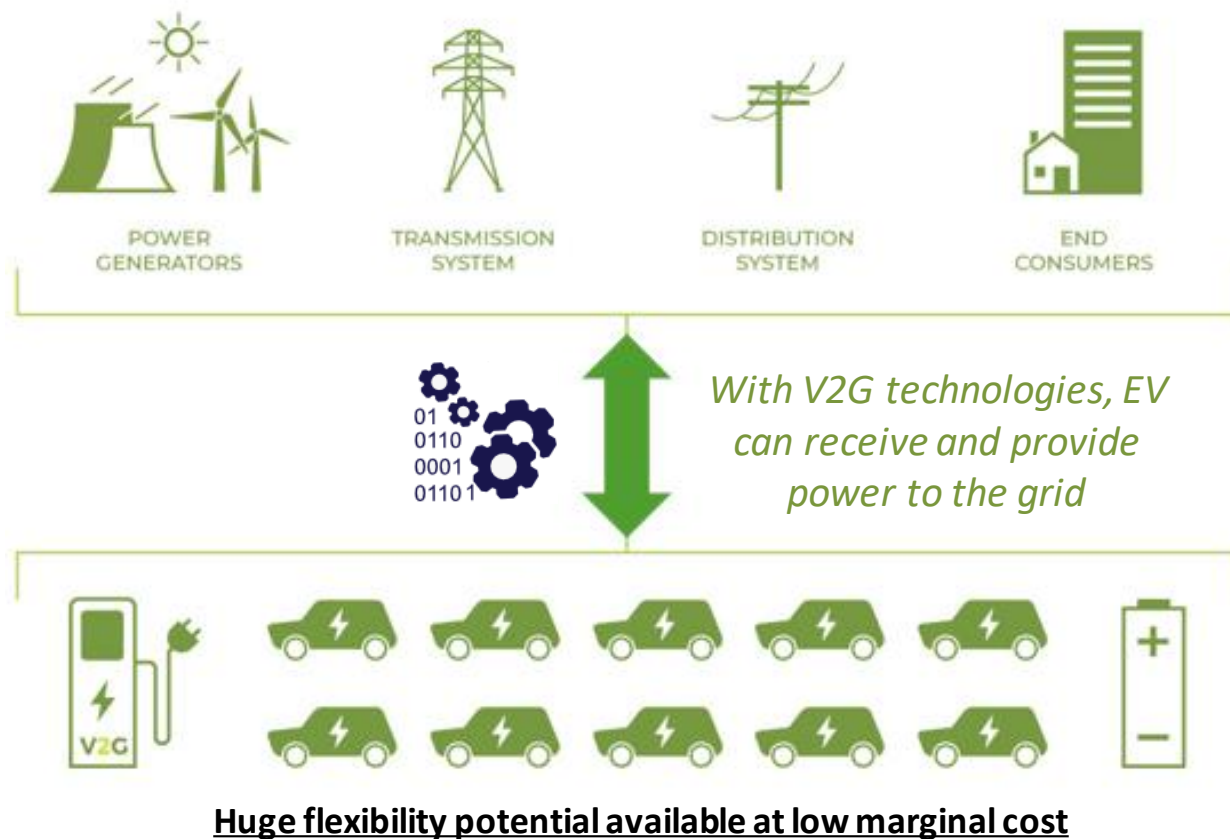


Set **binding targets** at Member States level



Set up a **facilitative framework** for data access and public funding to **bring technologies at larger scale**

# CHALLENGES OF CHARGING AND INTEGRATION OF EVs INTO THE GRID: NOT A THREAT BUT A REAL OPPORTUNITY



- Peak-shaving to balance supply and demand
- Facilitate the integration of variable renewable energy
- Help network operators to meet grid requirements
- Increase self-consumption of local generation (PV)

Electrification of cars will not lead to grid instability but will enable to foster the integration of renewables at an affordable cost thanks to innovative charging technologies.